

ABSTRACT

An improved fiber optic tap monitor has characteristics that are flatter over the wavelength range of interest. The tap monitor includes a filter that reflects a major fraction of the light from a first fiber to a second fiber. A photodetector located behind the filter detects the light transmitted by the filter. The reflectance spectrum of the filter is selected to compensate for nonuniformities in the detection response characteristic of the photodetector over the wavelength range of interest, so that the overall response of the tap monitor is relatively flat.